



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005



Job No.: CTCE/BBMP/WNo.04/LR/CC Blocks/2013-14

04.03.2014

TEST REPORT ON CEMENT CONCRETE BLOCKS

Client : Asst. Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Agency : Mr. Lokanatha Reddy, Contractor, Bangalore.

Name of the Work : Construction of Samudaya in Kanaka Nagara in Ward No. 04, BBMP, Bangalore.

Reference : BBMP/AEE/YNSD/ /2013-14 Dated: 10.03.2014

Size of Block : 400 mm x 200 mm x 200 mm

Cross Sectional Area : 80000 mm²

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 03



SL.No.	Date of Sampling	Date of testing	Failure load (KN)	Compressive strength	Minimum Compressive Strength of Individual Units
			kN	N/mm ²	N/mm ²
1	02.03.2014	04.03.2014	263.4	3.29	3.2
2	02.03.2014	04.03.2014	266.8	3.34	
3	02.03.2014	04.03.2014	264.2	3.30	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

AE W-4
[Signature]



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Job No: CTCE/BBMP/WNo.04/LR/CUBE/2013-14

12.04.2014

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Asst. Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.

Agency : Mr. Lokanatha Reddy, Contractor, Bangalore.

Name of the work : Construction of Samudaya in Kanaka Nagara in Ward No. 04, BBMP, Bangalore.

Reference : BBMP/AEE/YNSD/ /2013-14 Dated: 10.03.2014

Sample ID : Coping Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₁₅

Compressive Strength as on : 28th day



SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	15.03.2014	12.04.2014	8.123	363.4	16.15
2	15.03.2014	12.04.2014	8.194	381.3	16.95
3	15.03.2014	12.04.2014	8.237	395.7	17.5

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